

Title (en)
DENTAL GEL COMPOSITION OF PAPAIN FOR THE ATRAUMATIC TREATMENT OF CARIES AND METHOD OF PREPARING SAME

Title (de)
ZAHNÄRZTLICHE GELZUSAMMENSETZUNG AUS PAPAIN ZUR ATRAUMATISCHEN BEHANDLUNG VON KARIES UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
COMPOSITION DE GEL DENTAIRE DE PAPAÏNE POUR LE TRAITEMENT ATRAUMATIQUE DE CARIES ET SON PROCÉDÉ DE PRÉPARATION

Publication
EP 3145484 A4 20180124 (EN)

Application
EP 15796001 A 20150520

Priority
• AR P140101998 A 20140520
• US 2015031669 W 20150520

Abstract (en)
[origin: WO2015179463A1] A papain dental gel composition is disclosed for the atraumatic treatment of caries which comprises papain with a final activity of at least 3,000 U/mg, wherein the papain is bio-encapsulated in a mixture of pH=7 buffer-C3-6 polyol- pectin-C2-6 alkanolamine-nonionic emulsifier, together with pharmaceutically acceptable coloring agents, preservatives and solvents. A method of preparing said papain composition is also disclosed.

IPC 8 full level
A61K 8/66 (2006.01); **A61K 8/04** (2006.01); **A61K 8/11** (2006.01); **A61K 8/24** (2006.01); **A61K 8/34** (2006.01); **A61K 8/37** (2006.01); **A61K 8/41** (2006.01); **A61K 8/49** (2006.01); **A61K 8/86** (2006.01); **A61Q 11/00** (2006.01)

CPC (source: BR EP US)
A61C 5/62 (2017.01 - EP US); **A61C 19/063** (2013.01 - US); **A61K 8/042** (2013.01 - EP US); **A61K 8/11** (2013.01 - BR EP US); **A61K 8/19** (2013.01 - BR); **A61K 8/24** (2013.01 - EP US); **A61K 8/345** (2013.01 - BR EP US); **A61K 8/37** (2013.01 - EP US); **A61K 8/41** (2013.01 - BR EP US); **A61K 8/49** (2013.01 - EP US); **A61K 8/66** (2013.01 - EP US); **A61K 8/73** (2013.01 - BR); **A61K 8/86** (2013.01 - EP US); **A61K 8/97** (2013.01 - BR); **A61K 9/06** (2013.01 - US); **A61K 38/4873** (2013.01 - EP US); **A61K 47/02** (2013.01 - US); **A61K 47/10** (2013.01 - US); **A61K 47/14** (2013.01 - US); **A61K 47/18** (2013.01 - US); **A61K 47/22** (2013.01 - US); **A61K 47/26** (2013.01 - US); **A61K 47/36** (2013.01 - US); **A61P 1/02** (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61Q 11/00** (2013.01 - BR EP US); **C12Y 304/22002** (2013.01 - EP US); **A61K 2800/91** (2013.01 - EP US)

Citation (search report)
• [A] US 2006233783 A1 20061019 - GOMEZ TORRES HAROLD A [CO]
• [A] US 4986981 A 19910122 - GLACE WILLIAM R [US], et al
• [A] US 6331291 B1 20011218 - GLACE WILLIAM R [US], et al
• [A] WO 03043517 A2 20030530 - DANA FREDERIC [FR], et al
• [A] US 6652841 B1 20031125 - BROWN JAMES R [US], et al
• [A] WO 0145660 A1 20010628 - DEN MAT CORP [US], et al
• See references of WO 2015179463A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015179463 A1 20151126; AR 096355 A1 20151223; BR 102015001449 A2 20170502; BR 102015001449 B1 20210217; BR 102015001449 B8 20210330; CN 105078781 A 20151125; CN 105078781 B 20201030; EP 3145484 A1 20170329; EP 3145484 A4 20180124; EP 3145484 B1 20200930; MX 2015000884 A 20151119; MX 363200 B 20190314; US 10137178 B2 20181127; US 2017100464 A1 20170413

DOCDB simple family (application)
US 2015031669 W 20150520; AR P140101998 A 20140520; BR 102015001449 A 20150122; CN 201410734129 A 20141204; EP 15796001 A 20150520; MX 2015000884 A 20150120; US 201515312431 A 20150520